

YUZEX® 6100

High Density Polyethylene

SK Global Chemical

Message:

YUZEX 6100 is high density polyethylene designed for pressurized pipe and produced by bi-modal operation in dual slurry reactor. It is classified as PE100 class. It has excellent process ability in pipe extrusion and balanced physical properties.

General Information			
Features	Good Processability		
	High ESCR (Stress Crack Resist.)		
Uses	Piping		
Agency Ratings	PPI PE-100		
Processing Method	Extrusion		
	Pipe Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.952	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.052	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance	> 10000	hr	ASTM D1693
Molecular Weight Distribution	20.0 to 25.0	Mw/Mn	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	23.5	MPa	
Break	41.2	MPa	
Flexural Modulus	834	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -70.0	°C	ASTM D746

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT